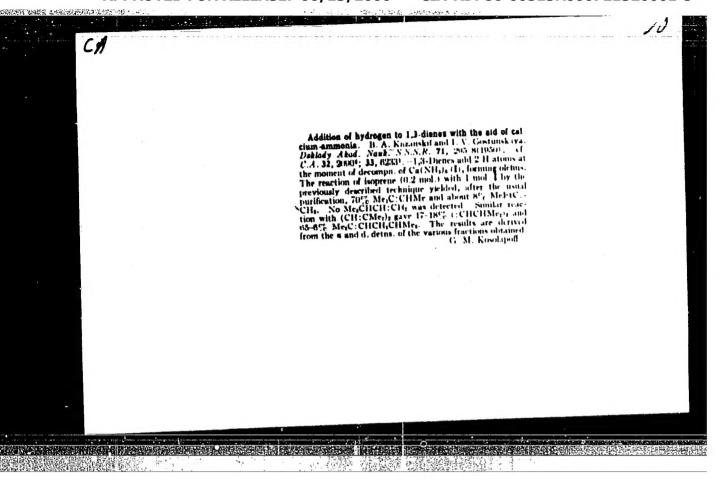
KAZAKSKII, B. A.

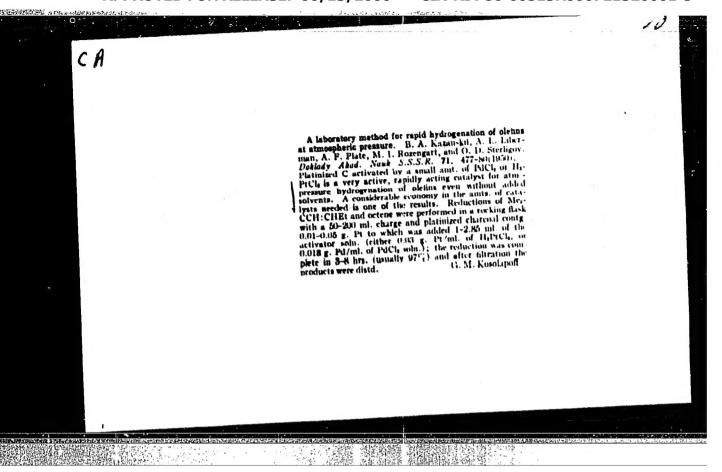
"1, 3-Dimethylcyclopentane." A. V. Koperina, L. M. Nazarova, and B. A. Kazanskii. (p. 1498)

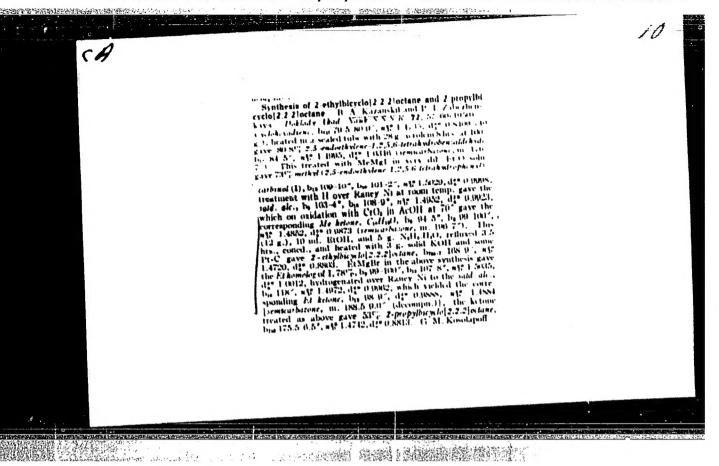
SO: Journal of General Chemistry (Zhurnal Obshchei Khimii) 1950, Vol 20, No S.

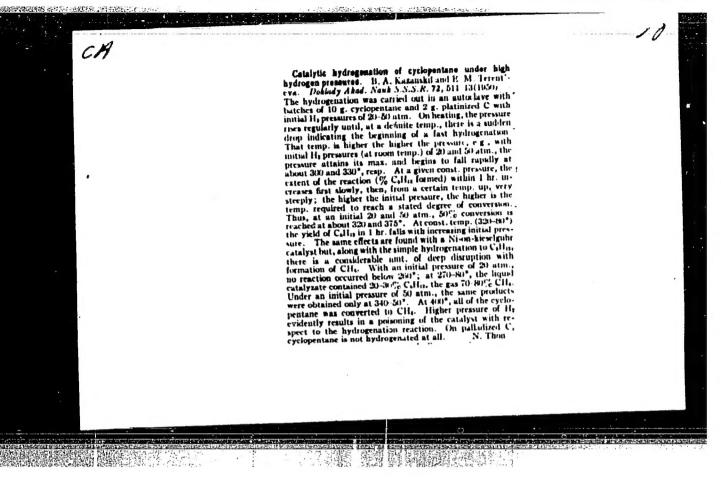
APPROVED FOR RELEASE: 06/13/2000

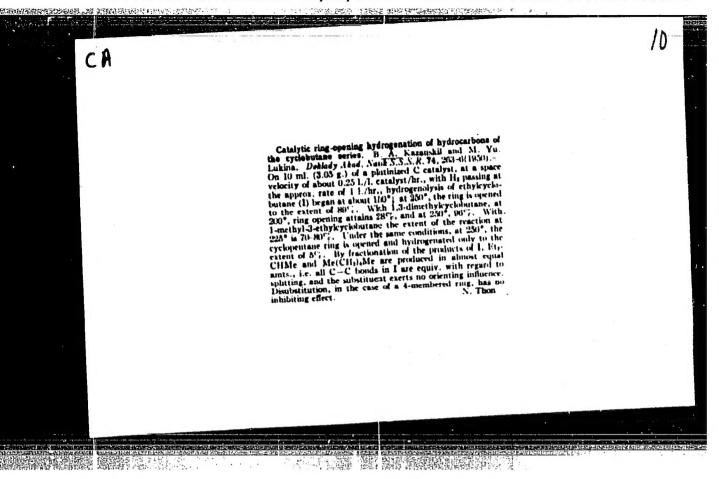
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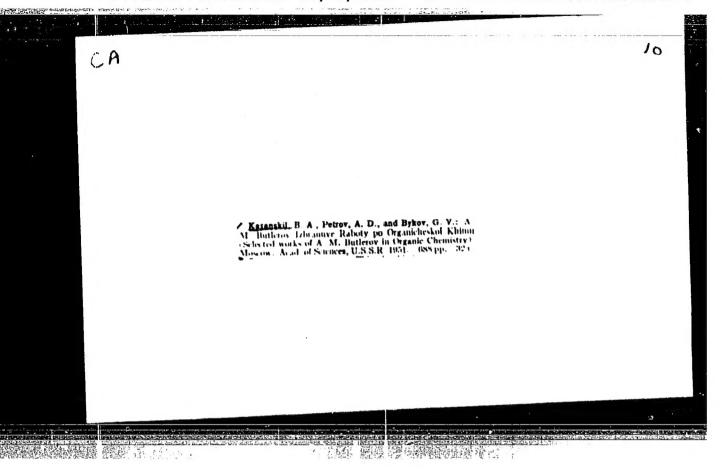












identification 4

Virlayusholiyaya sovetskin nebenyy abalemik Wisolay Dnitriyenich Belisebis (The prominent Soviet scientist W. D. Zelinskiy) Hookya, "Previa," 1951.

32 v. litgra.

Cataloge! from abstract.

Lecture, dedic tel to the 90th anniversary of the prominent chemist-scientist W. D. Zelinskin, deals with his activities in the field of cosmistry, especially his organization of the Informatory of Excessive Pressure, the founding of a school for chemist-scientists at the Eoscov University and his synthetic research work in naphtena.

N/5 917.61년 . プランク

KAZANSKIY, B.A.

PA 174T9

USSR/Chemistry - Methallyl Chloride Jan/Feb 51

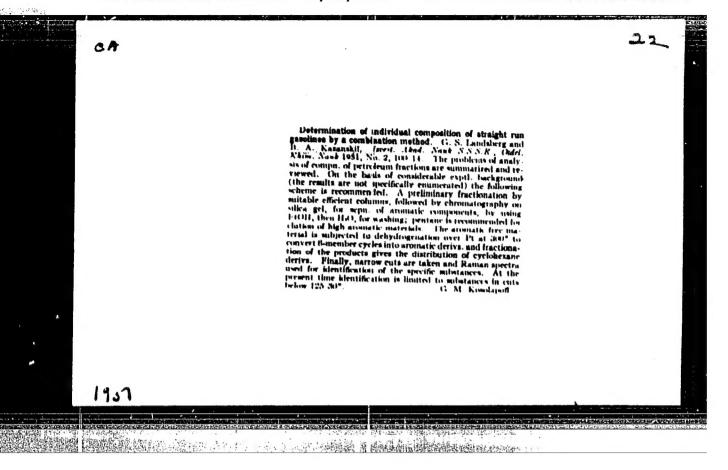
"Synthesis of Hydrocarbons of Cyclobutane Series: Report 1. 1,-3-Dimethylcyclobutane,"
B. A. Kazanskiy, M. Yu Lukina, Inst Org Chem,
Acad Sci USSR

"Iz Ak Nauk SSSR, Otdel Khim Nauk" No 1, pp 47-56

Synthesizes for 1st time 1,3-dimethylcyclobutane, isolated as cis- and trans-isomers. Obtains described series of new disubstitution deriv of cyclobutane. Develops simple method, giving high yield, to obtain methallyl chloride for above synthesis.

LC

17419



PA 193T6

KAZAMONIY, B. A.

USSR/Chemistry - Petroleum, Hydrocarbons Jan/Feb 51

"Lines of Development of Academician N. D. Zelinskiy's Work," B. A. Kazanskiy, A. F. Hesmeyanov, A. F. Plate, Moscow

"Uspekh Khim" Vol XX, No 1, pp 18-53

General review of N. D. Zelinskiy's chem achievements in fields of synthesis of hydrocarbons, intraconversions of hydrocarbons, research into the origin of petroleum, cutalytic conversions of heterocyclic systems, and catalytic conversions of org S compds.

19376

KAZAHSKIY, B. A.

19178

USSR/Chemistry - Theory of Structure

Jul/Aug 51

"Review of A. M. Butlerov's 'Selected Works in Organic Chemistry,' Edited and Annotated by Academician B. A. Kazanskiy, Corresponding Member, Academy of Sciences USSR, A. D. Petrov, and G. V. Bykov 1951?," V. M. Rodionov

"Uspekh Khim" Vol XX, No 4, pp 516-519

Outlines Butlerov's work in detail. Deplores Kekule's plagiarism, the lack of recognition by Western European scientists, and the fact that Butlerov's pioneering work remained forgotten by Russian chemists until the early 1940's.

191T8

KAZANSKIY, ACAD B. A.		2,5-dimethylhexadiene-234; and the monoolefin 2,5-dimethylhexene-2 with I, it was shown that 2,5-dimethylhexane is also formed to some extent.	. USSR/Chemistry - Hydrogenstion (Contd) 21 Jan 51	178711	In the hitherto known reactions of reduction of 1,3-dienes by hydrogen which has just formed, addn of 1 mol of hydrogen under formation of monoolefin of sobserved exclusively. This refers particularly to cases where hydrogen was formed by decompn of calcium ammoniate (I). In experiments on reduction of the dienes 2,5-dimethylhexadiene-1,5 and	"Dok Ak Nauk SSSR" Vol LXXVI, No 3, pp 407-410	"Addition of Hydrogen at the Time of Its Separa- Fi tion to an Isolated Double Bond," Acad B. A. Kazan- 88 skiy, I. V. Gostunskaya	USSR/Chemistry - Hydrogenation 21 Jan 51
PROPERTY OF THE PROPERTY OF TH	SPENISPENISPENIS					कट्ट स्टब्स्ट स्टब्स्ट स्टब्स्ट स्टब्स स	क्रमात्रक अनुस्थानका	

DUBININ, M.M., akademik, otvetstvennyy redaktor; GAPON, Ye.N.; GAPON, T.B.;

ZHYPAKHINA, Ye.S.; RACHINSKIY, V.V.; BELEN'KAYA, I.M.; SHUVAEVA, G.M.;

ROGINSKIY, S.Z.; YANOVSKIY, N.I.; FUKS, N.A.; KISELEV, A.V.; NEYMARK, I.Ye.;

SLINYAKOVA, I.B.; EHATSET, F.I.; LOSEV; I.P.; TROSTYANSKAYA, Ye.B.;

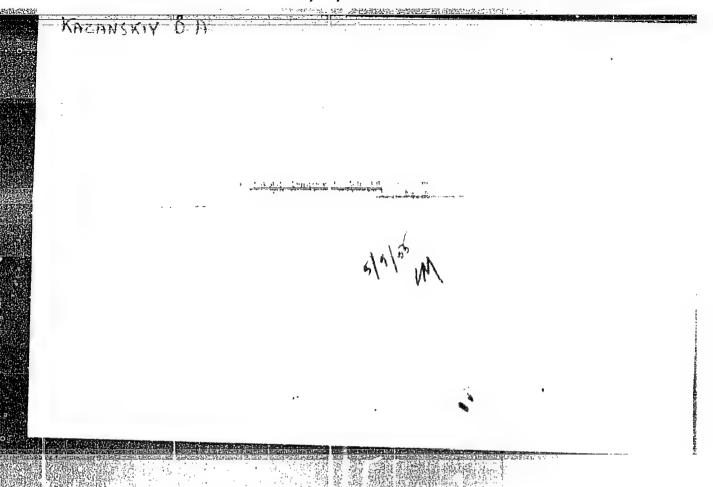
TEVLINA, A.S.; DAVANKOV, A.B.; SALDADZE, K.M.; BRUMBERG, Ye.M.; ZHIDKOVA,

Z.V.; VEDENEEVA, N.Ye.; NAFOL'SKIY, S.A.; MIKHAYLOVA, Ye.A.; KAZANSKIY, B.A.;

RYABCHIKOV, D.I.; SHENYAKIN, F.M.; KRETOVICH, V.L.; BUNDEL', A.A.; DAVINOV;

[Research in the field of chromatography transactions of the All-Union Conference on Chromatography, November 21-24, 1950] Issledovaniia v oblasti khromatografii; trudy Vsesciuznogo soveshchaniia po khromatografii, 21-24 noiabria 1950 g. Moskva, Izd-vo Akademii nauk SSSR, 1952. 225 p. (MLRA 6:5)

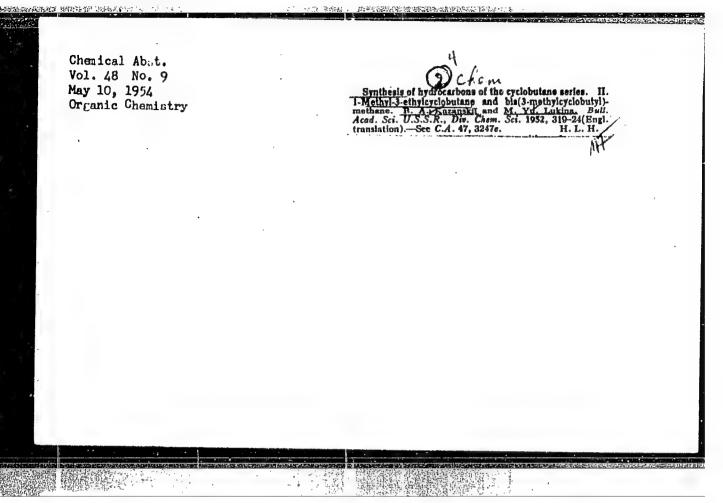
1. Akademiya nauk SSSR. Otdelenie khimicheskikh nauk.
(Chromatographic analysis)

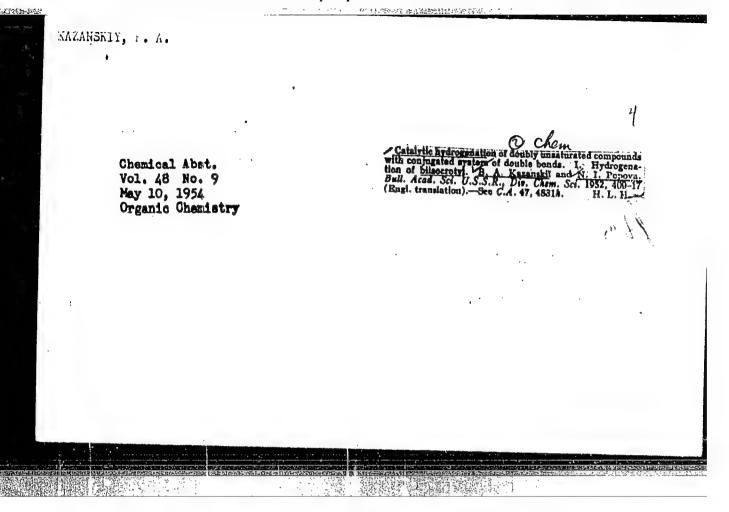


GONIKBERG, M.G.; GAVRILOVA, A.Ye.; KAZANSKIY, B.A.

Isomerization of alkanes in the presence of aluminum chloride and hydrogen under pressure. I. Isomerization on n-hexane. Bull. Acad. Sci. U.S.S.R., Div. Chem. Sci. '52, 171-6 [Engl. translation]. (CA 47 no.19:9893 '53)

APPROVED FOR RELEASE: 06/13/2000 CIA-RDP86-00513R000721320001-5"





KAZANSKIY, B. A.

USSR/Chemistry - Hydrocarbons, Isomerization

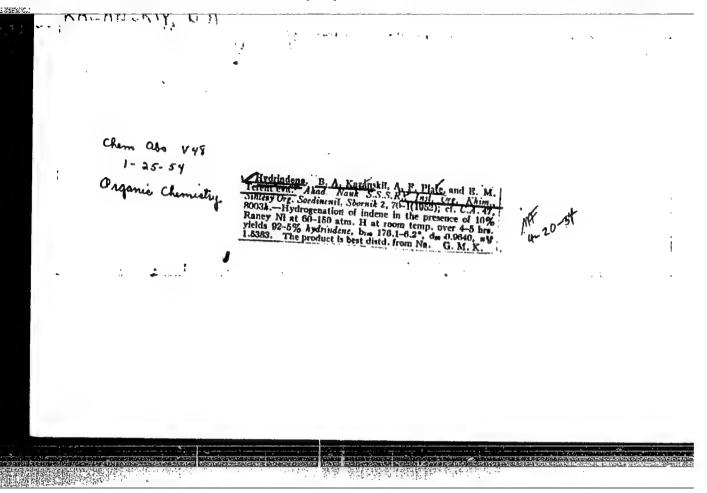
Jan/Peb 52

"Isomerization of Alkanes in Presence of AlCl3 Under Hydrogen Pressure, I. Isomerization of n-Hexane," M. G. Gonikberg, A. Ye. Gavrilova, B. A. Kazanskiy, Inst of Org Chem, Acad Sci USSR

"Is Ak Nauk, Otdel Khim Nauk" No 1, pp 157-162

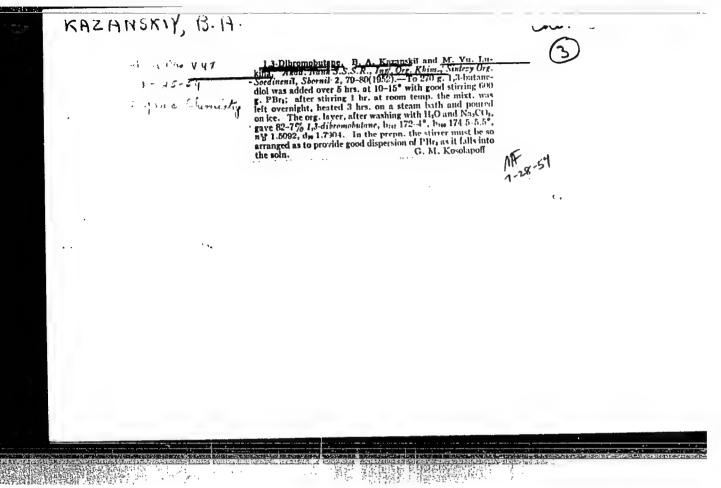
Under elevated hydrogen pressure, cracking is brought to a min and the formation of so-called "lower layers" in the reaction product is avoided altogether. Obtained yields of hexane isomers corresponding to 80% of the original n-hexane. Increasing the hydrogen pressure slows down the isomerization progress. Isomerization proceeds in stages, with 2-methylpentane apparently being formed as an intermediate product in the formation of 2,2-dimethylbutane. Presents some general theories explaining the above process.

208T13



"APPROVED FOR RELEASE: 06/13/2000

CIA-RDP86-00513R000721320001-5



KAZANSKIY, B. A.; POPOVA, N. I.

Diolefins

Catalytic hydrogenation of diolefirs with a conjugated system of double bonds. Part 1. Hydrogenation of disocrotyl. Izv. AN SSSR Otd. khim. nauk, No. 3, 1952.

9. Monthly List of Russian Accessions, Library of Congress, November 1958. Unclassified.

KA ALDELY, F. A., PHIEA, YU. 1.

Hydrocarbons

Synthesis of hydrocarbons of the cyclobytane series. Lart 2. 1-Dethyl-3-ethlene oxide. Zhur. prikl. khim. 25 No. 2 1952.

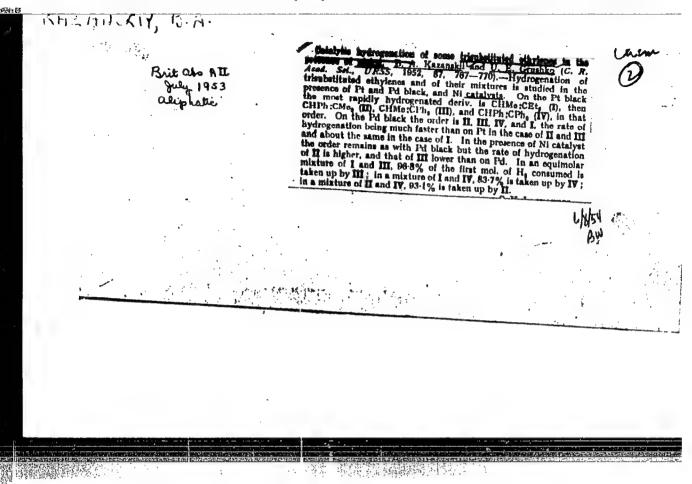
Conthly List of Russian Accessions, Library of Congress, August 1952. Unclassified.

KACANGETY, B. A., LURINA, M. YU.

Esters

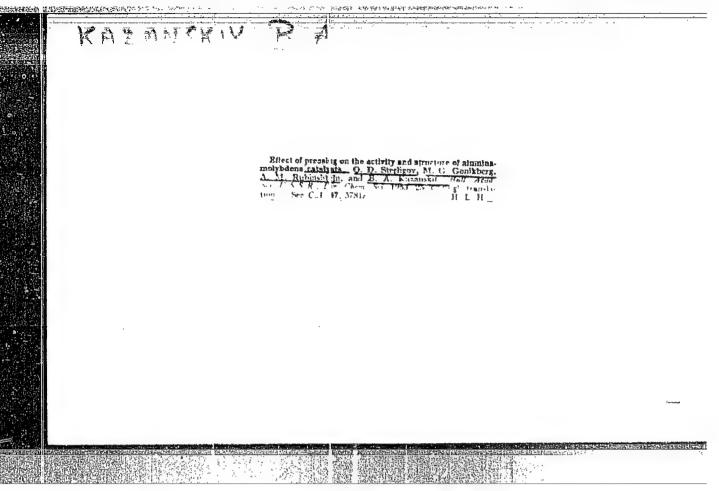
Synthesis of diethyl ester of 1-methylcyclobutane-2, 2-dicarboxylic acid. Dokl, AN SSSR 83, No. 5, 1952 Institut Organicheskoy Khimii Academii Nauk SSSR rcd. 30 Jan. 1952

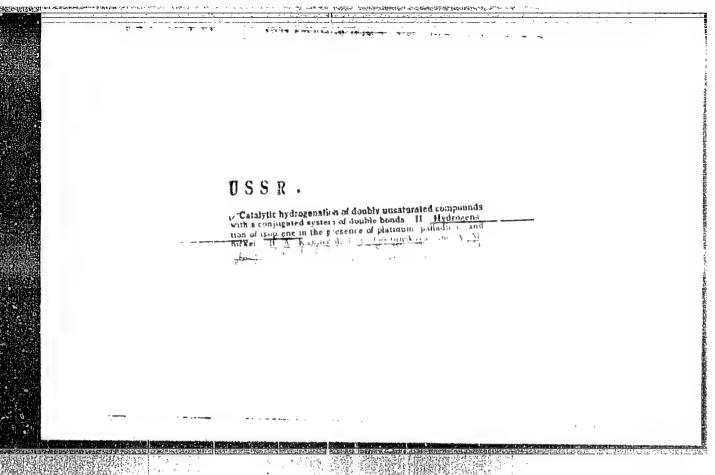
So: Monthly List of Russian Accessions, Library of Congress, August 1957, Uncl.

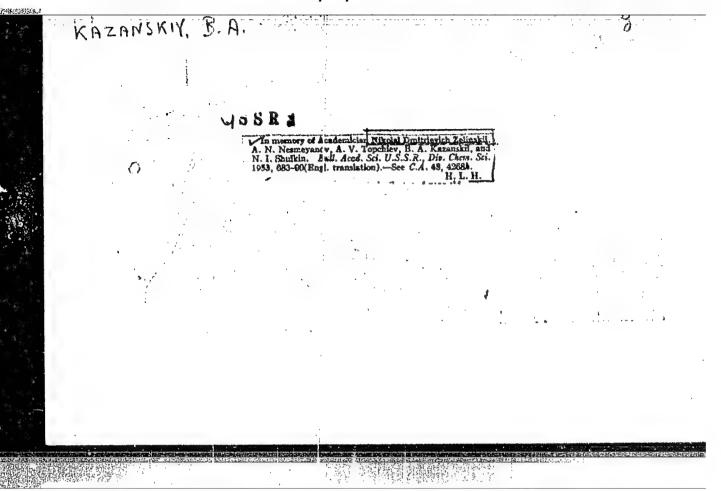


ARBUZOV, A.Ye., akademik; KAZANSKIY, B.A., akademik; PETROV, A.D., chlen-korrespondent AN SSSR; NIKITIN, W.I., chlen-korrespondent AN SSSR; FIGUROVSKIY, B.A., professor, otvetstvennyy redaktor; POGODIN, S.A., professor; ZVYAGINTSEV, O.Ye., professor; YEVTEYMVA, P.M., uchenyy sekretar.

[Materials on the history of Soviet chemistry; reports given at the 2nd All-Union Conference on the History of Soviet Chemistry, 21-26 April 1951] Materialy po istorii otechestvennoi khimii; abornik dokladov na vtorom Vsesciuznom soveshchanii po istorii otechestvennoi khimii, 21-26 aprelia 1951 g. Moskva, Isd-vo Akademii nauk SSSR, 1953. 318 p. (MLRA 7:4) (Chemistry-History)







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USSR/Charlstry - Chinicals

KAZANSKIY, F.A.

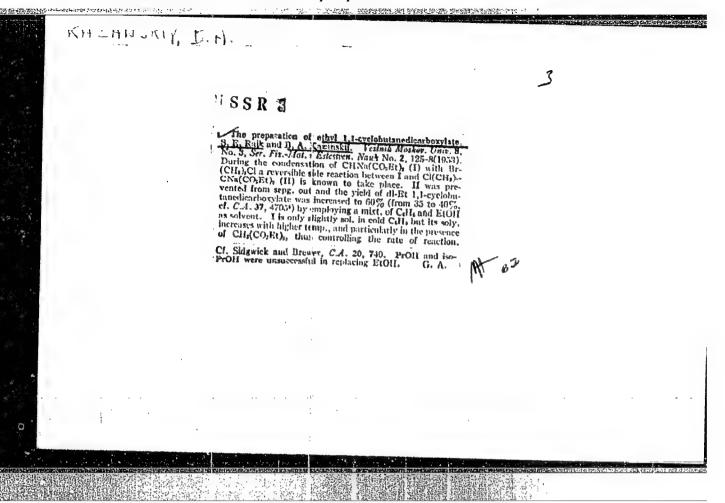
J. 1/701 55

"The Effect of Compression Fressure of the Activity and Structure of the Alumon Dyldenum Catalyst," C.D. Starligov, E. G. Gonikhert, A. F. Bubinshieyn and B. A. Macanskiy, Inst of Org Chem, Acad Coi USSR

Iz Ak Nauk SSSR, CEbN, No 1, pp 28-36

The authors studied the effect of the degree of corpression pressure (from 2,000 to 20,000 atr) on the structure of the compressed almost by demur catalyst and on its projectivity, specific activity, and stability in the resolutions involving the dehydrocyclization of n-beptane and the dehydrogenation of cyclobexame. They dotd that an increase in the corpression pressure leads to an increase in productivity and a decrease in the specific activity of the catalyst (in an equal degree for both reactions studied). They also dotd that the stability of the compressed almostlybdenum catalyst increases with an increase in the compression pressure (also in an equal degree for both reactions studied). An X-ray examination revealed no change in the primary (X-ray) structure of the catalyst after it had been subjected to a high hydrostatic pressure.

15873



	2	Tatalytic Hydrogenation of Conjugated Dienes. If Hydrogenation of Isoprene in the Presence of Flatinum, Palladium, or Nickel, B. A. Kazanskiy, I. V. Gostunskaya, A. Granat, Moscow State U	Eydrogenation of isoprene in the presence of Pd, Mi, or Pt proceeds chiefly with addition of Eg at the l, positions. With Pt there is less of a selective effect than with Pd or Mi as far as the formation of 270fill	hydrogenation products is concerned. The shape of the hydrogenation velocity curves does not characterize the actual course of the reaction.		
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KAZANSKIY, B.A.

tesm/ Scientists - Chemistry

Card 1/1 Pub. 40 - 1/22

Nesmeyanov, A. N.; Topchiev, A. V.; Kazanskiy, B. A.; and Shuykin, N. I. Authoro

Title In memory of Academician N. D. Zelinskiy

Periodical 8 Izv. AN SSSR. Otd. khim. nauk 5, 765-774, Sep-Oct 1953

Abstract # Eulogy by the president and staff members of the Academy of Sciences USSR honoring the death of academician Nikolay Dmitrievich Zelinskiy, famous Russian chemist who died on July 31, 1953 at the age of 93.

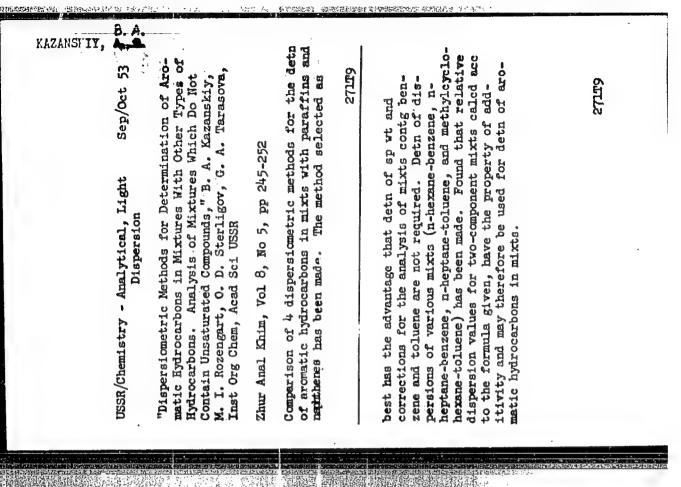
Illustration.

Submitted

Institution :

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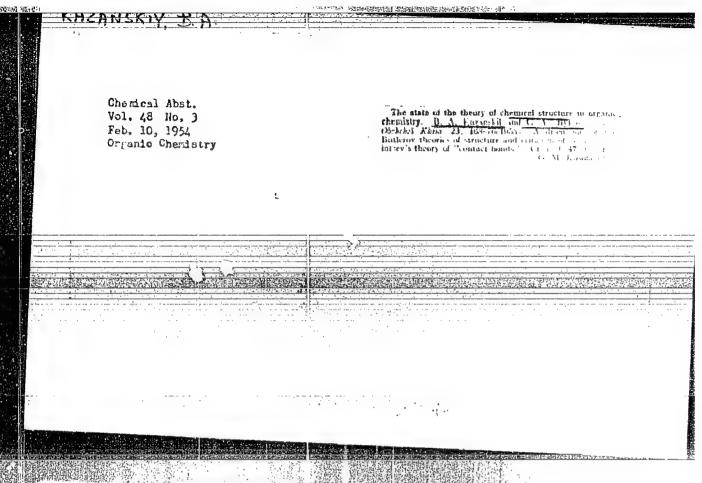
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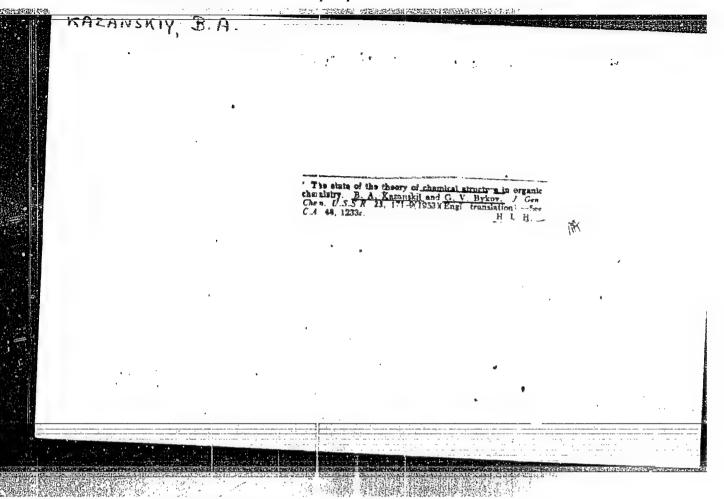


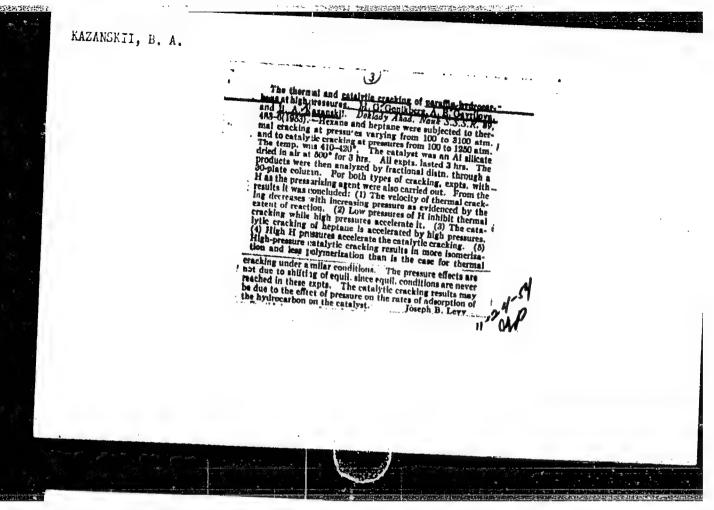
- 1. KAZANSKIY, B. A.; EIDUS, YA. T.
- 2. USSR (600)
- 4. Krentsel', B. A.
- 7. "Chemical utilization of petroleum hydrocarbon gases." A. S. Nekrasov, B. A. Krentsel'. Reviewed by B. A. Kazanskiy, YA. T. Eidus. Usp. khim., 22, no. 4, 1953.

9. Monthly List of Russian Accessions, Library of Congress, April 1953, Uncl.

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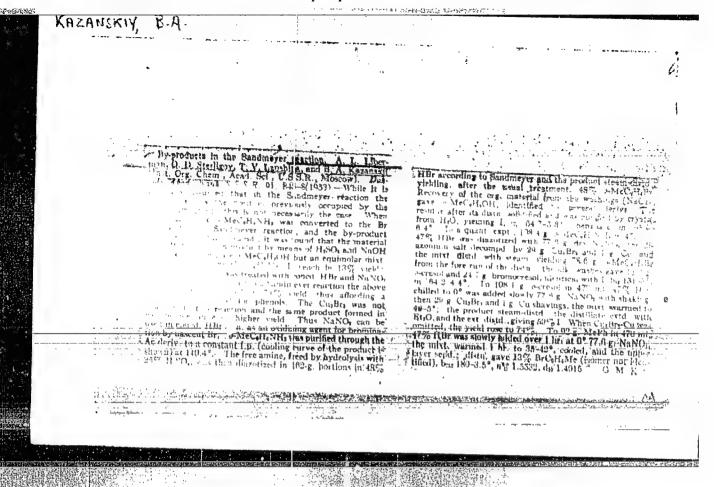




YAKUBOVICH, A.Ya.; MOTSAREV, G.V.; KAZANSKIY, B.A., akademik.

Peculiarities in the halogenation of phenylchlorosilanes. Dokl. AN SSSE 91 no.2:277-280 J1 153. (MLRA 6:6)

1. Akademiya nauk SSSR (for Karanskiy). (Halogenation) (Silanes)



BARYSHNIKOVA, A.N.; TITOV, A.I.; KATANSKIY, B.A., akademik.

Mechanism of nitrating unsaturated compounds. Dokl.AN SSSR 91 no.5:1099-1102 Ag '53. (MLRA 6:8)

1. Akademiya nauk SSSR (for Karanskiy).
(Nitration) (Compounds, Unsaturated)

IEMAIL'SKIY, V.A.; SOLODKOV, P.A.; KAMANSKIY, B.A., akademik.

Absorption spectra of molecular complexes of aromatic amines with quinolinic salts. Investigation of the absorption spectrum of the molecular complex [4-(n -dimethylaminostyryl)-quinoline + 1-ethyl-2-styrylquinolinium iodide]. Dokl. AN SSSR 91 no.5:1119-1122 Ag 153. (MLRA 6:8)

1. Akademiya nauk SSSR (for Kazanskiy). 2. Moskovskiy pedagogicheskiy institut im. V.P.Potemkina. (Absorption spectra) (Quinoline derivatives)

KURSANOV, D.I.; PARNES, Z.H.; KARANSKIY, B.A.

Hydrogen-exchange reactions of &, \$\beta\$ -unsaturated ketones. Dokl.AN SSSR 91 no.5:1125-1128 Ag '53. (MLRA 6:8)

1. Akademiya nauk SSSR (for Kazanskiy). 2. Institut organicheskoy khimii Akademii nauk SSSR (for Kursanov and Parnes). (Ketones)

DOGADKIN, B.; FEL'DSHTEIN, M.; DOBROMYSLOVA, A.; SHKURINA, V.; KAPLUNOV, M.; KAZANSKIY, B.A., akademik.

Appearance of polymerisation in the process of vulcanization.

Dokl.AN SSSR (MLRA 6:8)

1. Akademiya nauk SSSR (for Kazanskiy). 2. Moskovskiy institut tonkoy khimicheskoy tekhnologii im. M.V.Lomonosova (for Dogadkin, Fel'dshteyn, Dobromyslova, Shkurins., and Kaplunov).

(Polymers and polymerization) (Vulcanization)

SETKINA, V.H.; BYKOVA, Ye.V.; KAKANSKIY, B.A., akademik.

Hydrogen exchange of standard carboxylic acids. Dokl.AH SSSR 92 no.2:341-343 S 153. (MLRA 6:9)

1. Akademiya nauk SSSR (for Kasanskiy). 2. Institut organicheskoy khimii . Akademii nauk SSSR (for Setkina and Bykova). (Carboxylic acids)

TIMOFETEVA. Ye.A.; NOVIKOV, S.S.; SHUYKIN, N.I.; KAKANSKIY, B.A., akademik.

Dehydrogenation of 71-pentane. Dokl.AN SSSR 92 no.2:345-348 S '53.

(MLRA 6:9)

1. Akademiya nauk SSSR (for Easanskiy). (Dehydrogenation) (Pentane)

KROLIK, L.G.; LUKASHEVICH, V.O.; KAKANSKIY, B.A., akademik.

Hydrazobenzene hydrochloride and some of its conversions. Dokl.AN SSSR 93 no.4:663-666 D '53. (MIRA 6:11)

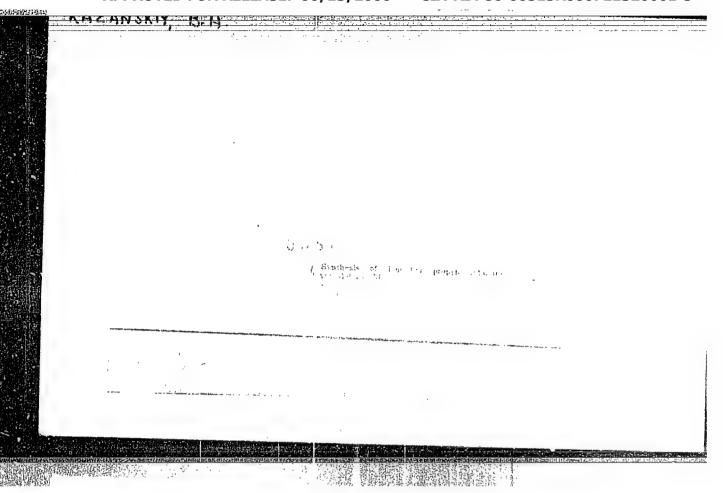
1. Akademiya nauk SSSH (for Kazanskiy). 2. Nauchno-issledovatel'skiy institut organicheskikh poluproduktov i krasiteley im. K.Ye. Voroshilova (for Krolik and Lukashevich). (Hydrasonebenzene)

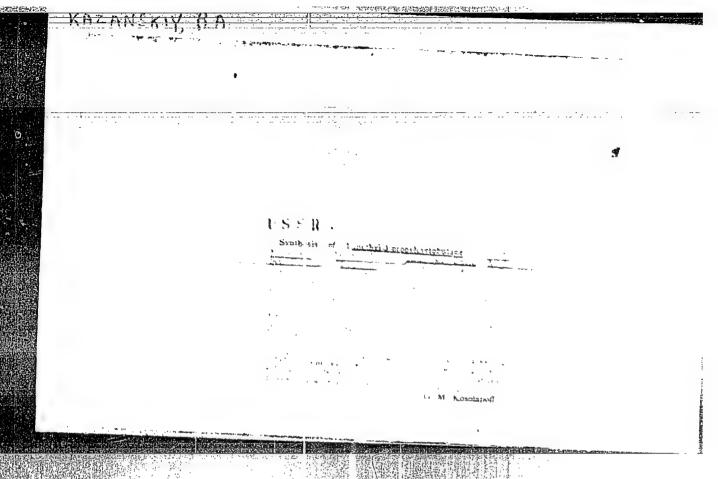
SHOSTAKOVSKIY, M.F.; ANDRIANOV, K.A., chlen-korrespondent; SHIKHIYEV, I.A.; KAKANSKIY, B.A., akademik.

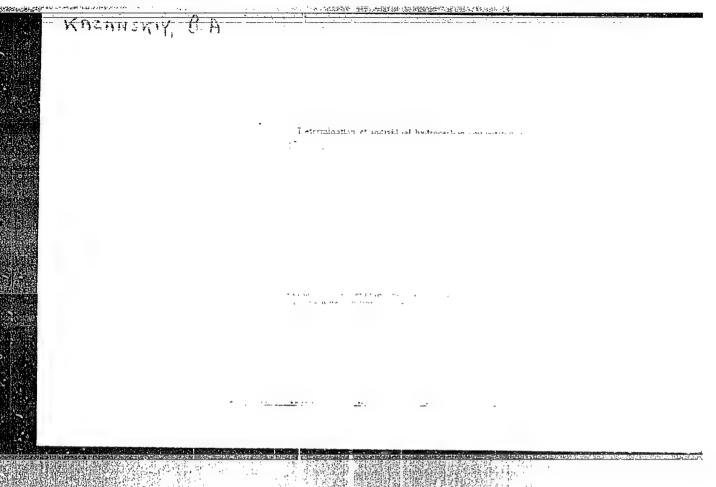
Investigation in the field of synthesis and conversions of oxygen-containing silicon organic compounds. Synthesis of methyl-, ethyl- and isopropyl-triethylsilane acetals. Dokl.AN SSSR 93 no.4:681-683 D '53. (MLRA 6:11)

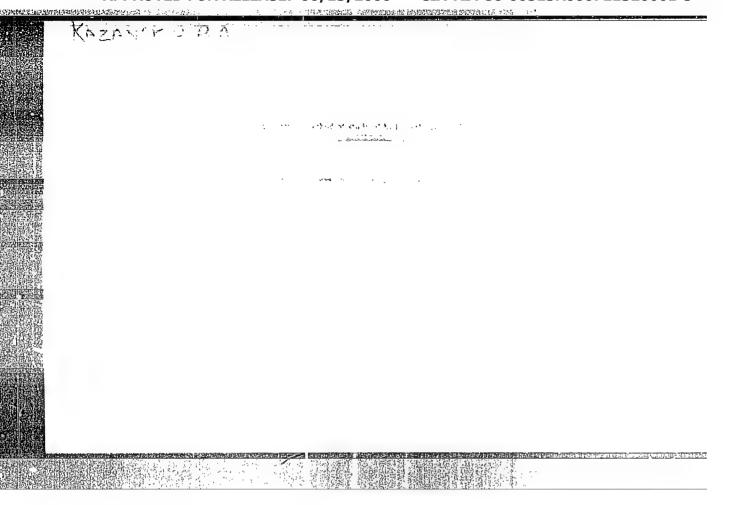
1. Akademiya nauk SSSR (for Andrianov and Karanskiy). 2. Institut organicheskoy khimii im. N.D.Zelinskogo Akademii nauk SSSR (for Shostakovskiy, Andrianov, Shikhiyev and Kochkin).

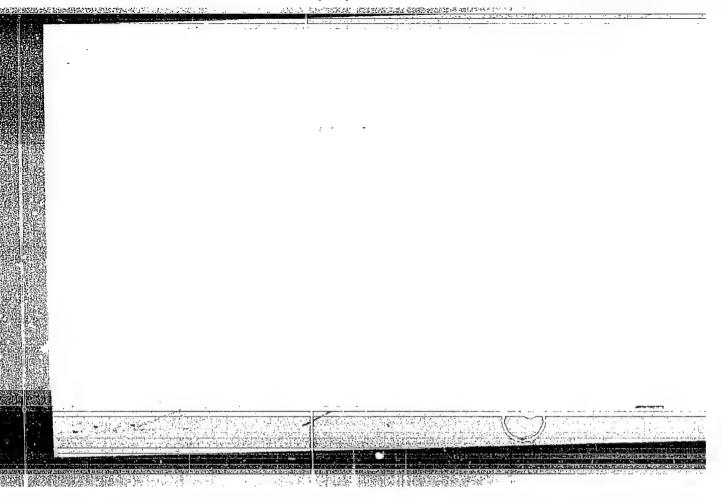
(Acetals) (Silicon organic compounds)



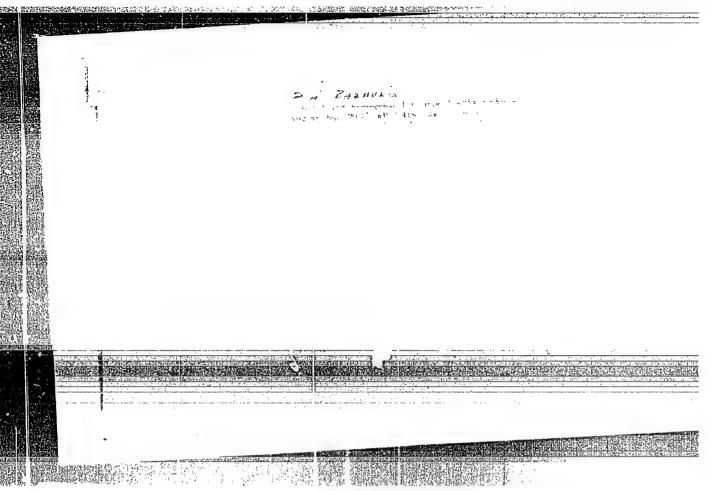


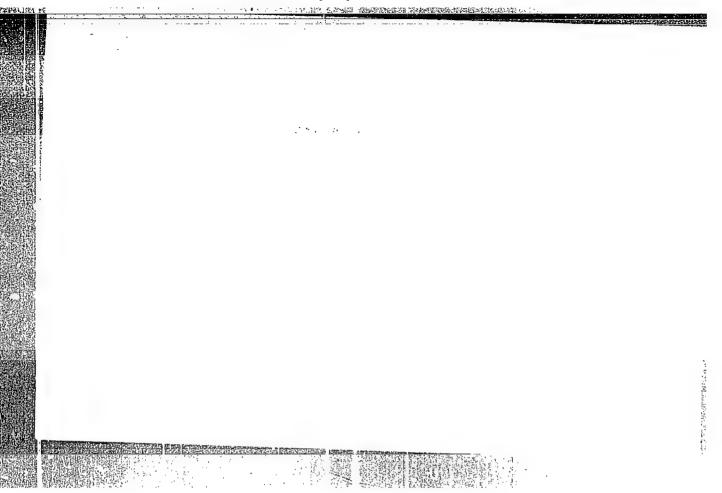




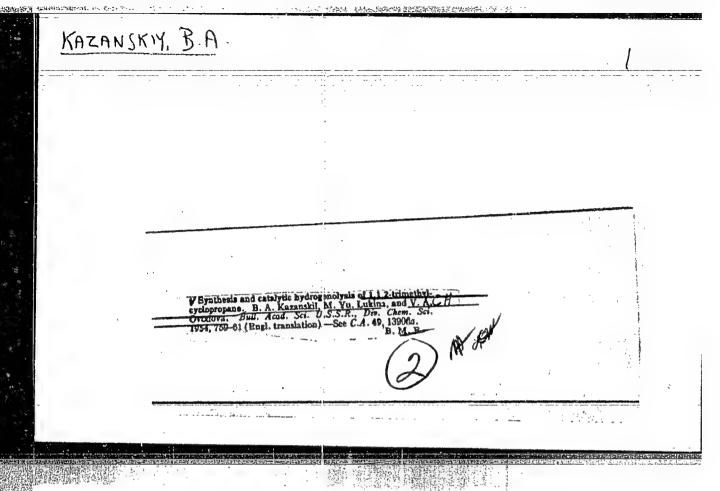


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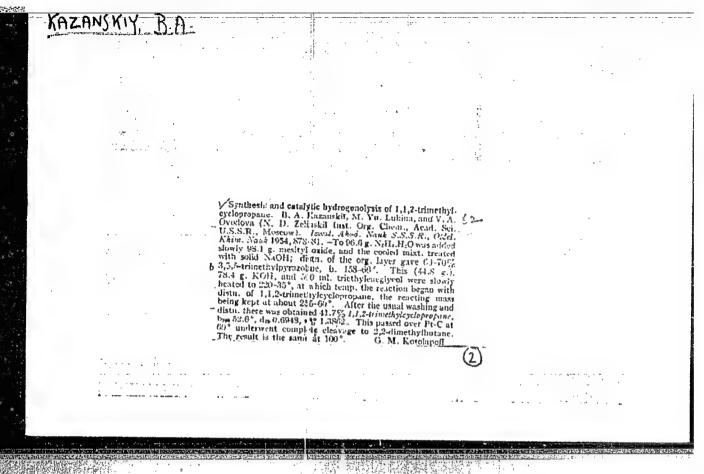
KHZANSKIY, 13-19.

USSR.

Determination of individual hydrocarbons in pasolines by the combined method. V. Gasoline from Emba cinde oil. B. A. Karanckii, G. 3. Landsberg, A. F. Pitte, F. A. Karanckii, G. 3. Landsberg, A. F. Pitte, F. A. Karanckii, G. 3. Landsberg, M. M. Larki, his state, A. T. Tarsona, E. A. Mikhalberg, M. M. Larki, his state, A. T. Tarsona, S. A. Uklebiii, and S. V. Voon Ko M. D. Zelinskii Inst. Org. Chem., Acad. Sci. U.S. R., Moscow). Twest. Akid. Nank S.S.S.R., Orled. Krios. Nauk 1954, 885-77; cf. C.A. 48, 14470h.—An dydr of a gasoline from Emba crude oil by a coerbination of distar, chromatography, and dehydrogenation-hydrogenation reactions resulted in establishing the structure of \$1.1% of the hydrocarbons present. The gasoline is of naphthenic type, and the paralines are predominantly brunched. The following compute, were identified: 2,2-dimethylpentane, C.3-dimethylpentane, 2,3-dimethylpentane, 2,4-dimethylpentane, 2,4-dimethylpentane, 1,4-dimethylpentane, 2,4-dimethylpentane, 1,5- and frame 1,3-dimethylpyclopestanes, bours-1,2-dimethylpyclopentane, 2,4-dimethylpexane, 1,2-3-trimethyleyclopentane, 3- and 4-methylpexane, 1,1-3-trimethyleyclopentane, 1,1-3-trim

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Company of the term of the ter



KAZANSKIY, B.A.; LANDSBERG, G.S.; PLATE, A.F.; LIBERMAN, A.L.; MIKHAYLO-VA, Ye.A.; BAZHULIN, P.A.; BATUYEV, M.I.; UKHOLIN, S.A.; BULAHOVA, T.F.; TARASOVA, G.A.

Composite method for the determination of individual hydrocarbons in gasolines. Part 3. The Surakhany gasolines. IEV.AN SSSR.

Otd.khim.nauk no.2:278-291 Mr-Ap 154. (MIRA 7:6)

Institut organicheskoy khimii im. N.D.Zelinskogo, Fizicheskiy institut im. P.N.Lebedeva Akademii nauk SSSR.
 (Hydrocarbons) (Surakhany—Petroleum) (Petroleum—Surakhany)

KAZANSKIY, BA.

USSR/ Chemistry

Fuels

Card

: 1/1

Authors

Kazanskiy, B.A., Landsberg, G.S., Plate, A.F., Bazhulin, P.A., Liberman, A.L., Suschinskiy, N.M., Tarasova, G.A., Ukholin, S.A., Veron'ko, S.V.: Combined method for the determination of the individual hydrocarbon

Title

combined method for the determination of the individual hydrocarbon composition of gasolines. Part h. Gasoline from the Tuymazinsk petroleum.

Periodical

Izv. AN SSSR, Otd. Khim. Nauk., 3, 456 - 469, Nay - June 1954

Abstract

The results obtained from the study of the individual hydrocarbon composition of gasoline with end point of 150°, derived from low-sulfur Tuymazinsk petroleum (Devonian horizon), are described. The quantitative, individual hydrocarbon composition of Tuymazinsk gasoline and the general losses are presented in percentage by weight values. The structure of paraffin-base gasoline derived from Tuymazinsk petroleum and the aromatic contents of other hydrocarbons are discussed. Toluene and m-xylene were found to be predominant among aromatic hydrocarbons. Four USSR references. Tables, graphs.

Institution

Acad. of Sc. USSR, The P. N. Lebedev Physics Institute

Submitted

July 20, 1953

KAZANSKIY, B.F.

USSR/Chemistry - Analytical chemistry

Card 1/2

Pub. 40 - 16/27

Brodsuk

Kazanskiv, B. A.; Landsberg, G. S.; Plate, A. F.; Liberman, A. L.; Mikhaylova, E. A. Sterlin, Kh. E.; Edlanova, T. F.; Liberman, A. L.;

Title

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Periodical 1

Izv. AN 550R. Otd. khim. nauk 6, 1053-1056, NOV-Pec 19 2

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The individual hydrocarbon composition of straight run rasonates on A and a graph of man kinggord for the

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Institution

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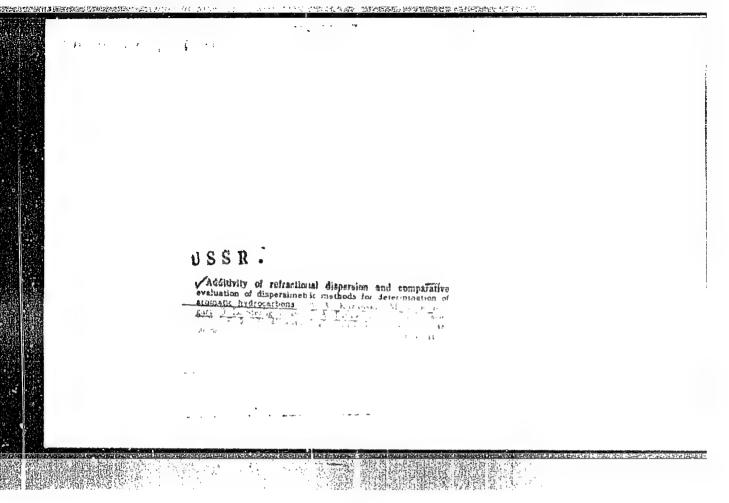
Submitted : December 19, 1953

CIA-RDP86-00513R000721320001-5" APPROVED FOR RELEASE: 06/13/2000

Feriodical : Izv. AM DOTR. Ctd. Abim. mark 6, 1055-1066, Nov-Dec 1954

Card 2/2 Fub. 40 - 16/27

Abstract: The gasoline from the above mentioned source was for iterative large and according to a contraction by drocarbons (16.37e). The process of a contraction by drocarbons (16.37e).



KAZANSKY, B.A.	
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	2188. On the paper by R. V. Jorgo: "Additivity of refriction dispersion and comparative evaluation of dispersion methods of determining aromatic brds evaluation." A Karanay W. Rosensant Vertigo. To V. 1954 9 3 115 119 104 1 218 10 the
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FD-1508

USSR/Chemistry - Catalysis

Card 1/1

: Pub. 129-11/18

Author

: Kazanskiy, B. A. and Temkina, V. Ya.

Title

: Hydrogenation of diphenylfulvene in the presence of nickel

Periodical

: Vest. Mosk. un., Ser. fizikomat. i yest. nauk, 9, No 6, 91-93, Sep 54

Abstract

: The kinetic curve for the hydrogenation of diphenylfulvene over a skeletal nickel catalyst differs from that over a palladium catalyst. According to data from incomplete hydrogenation, the reaction proceeds just as selectively as over the palladium catalyst. Quadri-substituted ethylene, such as cyclopentylidenediphenylmethane, hydrogenates over

skeletal nickel. Eight references (Six USSR)

Institution : Chair of Organic Catalysis

Submitted

: January 25, 1954

KHCHIVSKIY, B.W. USSR/Chemistry - Fuels

FD-1144

Card 1/1

Pub. 129-8/23

Author

: Slovokhotova, T. A.; Sovalova, L. I.; Kazanskiy, B. A.; Balandin, A. A.

Title

: Catalytic conversion of isomeric octanes with water over a nickel and

kieselguhr catalyst

Periodical

: Vest. Mosk. un., Ser. fizikomat. i yest. nauk, 9, No 7, 65-72, Oct 1954

Abstract

: Saturated hydrocarbons react with water over a nickel and kieselguhr catalyst forming products of gradual demethylation of the original hydrocarbon. The degree of conversion depends on the structure of the hydrocarbon. 2, 2, 4. Trimethylpentane reacts slower than the 2, 2, 3

isomer. Eight curves. Ten references (five USSR).

Institution : Chair of Organic Chemistry

Submitted

: February 1, 1954

APPROVED FOR RELEASE: 06/13/2000 CIA-RDP86-00513R000721320001-5"

KAZANSKIY, BIA.

USSR/Scientific Organization - Conventions

Card 1/1

Pub. 124 - 13/26

Authors

Kazanskiy, B. A., Academician

Title

At the annual meeting of the French Physico-Chemical Society

Periodical

Vest. AN SSSR 10, 68-71, Oct 1954

Abstract

Report is made by the chief of the Soviet delegation attending the fourth annual meeting of the French Physico-Chemical Society in Paris, France, during June 8-11, 1954. The countries represented at this scientific session are listed. The delegations visited the French Petroleum Institute where they observed laboratory experiments on the desulfurization of petroleum products, dehydrogenation of isopropyl alcohol in liquid phase in the presence of Raney's nickle (catalyst), photochemical chlorination of hydrocarbons, etc.

Institution :

Academy of Sciences USSR

Submitted

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KAZANSKIY B.A.

USSR/Physics - Spectral analysis

Card 1/1

Pub. 43 - 34/62

Authora

! Aleksanyan, V. T.; Lukina, M. Yu.; Sterin, Kh. Ye.; and Kazanskiy, B. A.

Title

* Combined diffusion spectra of certain hydrocarbons of the cyclobutane series

Periodical | Izv. AN SSSR. Ser. fiz. 18/6, 699-702, Nov-Dec 1954

Abstract

* The results obtained in studying the spectra of nine cyclobutane hydrocarbons are analyzed. An interpretation of the various frequencies and their forms (trans-cis, etc.) is given. Two references: 1 USA and 1 USSR (1943-1954). Table.

Institution: Acad, of Sc., USSR, The N. D. Zelinskiy Inst. of Organ. Chem. and the

Commission on Spectroscopy

Submitted :

KAZANSKIY, B. A.

USSR/ Physics - Spectral analysis

Card 1/1 Pub. 43 - 36/62

Authors

* Kazanskiy, B. A.; Landsberg, G. S.; Aleksanyan, V. T.; Bulanova, T. F.;

* Liberman, A. L.; Mikhaylova, Ye. A.; Plate, A. F.; Sterin, Kh. Ye.; and

* Ukholin, S. A.

Title : Analysis of aromatic ligroin parts by the combined diffusion spectra

Periodical : Izv. AN SSSR. Ser. fiz. 18/6, 704-706, Nov-Dec 1954

Abstract: Brief report is presented on the method and some results obtained during individual and close-group analysis of primary and secondary aromatics of ligroin. Analysis of results obtained showed that the basic ligroin (taken from the Embensk Petroleum Source) contained alkyl substitutes of benzene and cyclohexane with short term substituting radicals. Three references: 1 USA and 2 USSR (1947-1953). Tables.

Institution: Acad. of Sc., USSR., The N. D. Zelinskiy Inst. of Organ. Chem. and the

Commission on Spectroscopy

Submitted :

USSR/APPROVED FOR RELEASE: 06/13/2000 CIA-RDP86-00513R000721320001-5"

Card : 1/1 Pub. 151 - 14/33

Authors : Khromov, S. I., Balenkova, E. S., Akishin, P. A., and Kazanskiy, B. A.

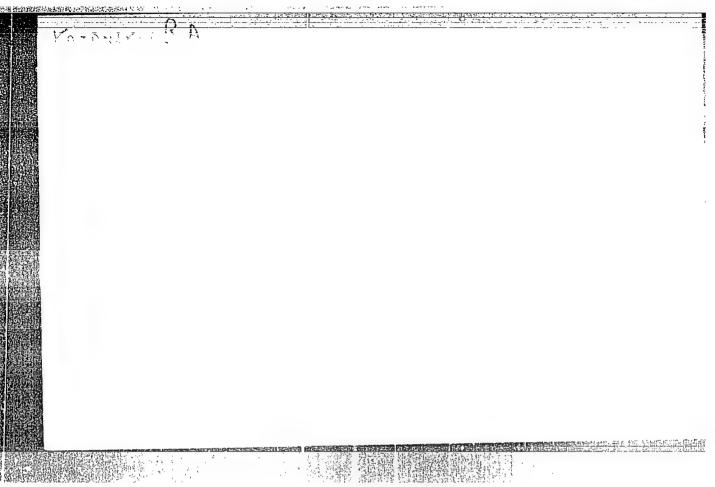
Title : Contact conversions of propylcycloheptane in the presence of a platinized carbon

Periodical : Zhur. ob. khim. 24/8, 1360 - 1364, August 1954

Abstract: Contact conversions of propylcycloheptane were investigated in the presence of platinized carbon at 320°. It was established that such contact conversion reactions take place with the formation of large quantities of 1-mothyl-1-propylcyclohexane and some aromatic hydrocarbons (toluene, propylbenzene, butylbenzene, o-, m- and p-methyl propyl benzenes). The approximate ratio of hydrocarbons in the total catalysate mass of contact conversion of propylcycloheptane, is described. Seven references: 6 USSR and 1 USA (1937 - 1954). Tables.

Institution : State University, Moscow

Submitted : March 6, 1954



KAZANSKIY, B.A.

tesm/Chemistry - Catalytic conversion

Card 1/1

1 Pub. 151 - 15/42

Authors

: Khromov, S. I.; Balenkova, E. S.; and Kazanskiy, B. A.

Title

Contact conversions of butylcycloheptane in the presence of platinized

Periodical

8 Zhur. ob. khim. 24/9, 1562-1566, Sep 1954

Abstract

The behavior of butylcyclotentane in conditions of dehydrogenating catalysis was investigated. Contact conversion of butylcyclopentans over platinized carbon was studied at 320°. It was established that such contact conversions result in the formation of large quantities of 1-methyl-1-butylcyclohexane and aromatic hydrocarbon mixtures consisting of toluene, butylbenzene, o-, m- and p-methylbutylbenzenes, the fractional composition of which are shown in tables. Four references: 3-USSil and 1-USA (1937-1954).

Institution : State University, Moscow

Submitted

: March 6, 1954

KAZANSKIY, B. A.

AID P - 206

Subject

: USSR/Engineering

Card

: 1/1

Authors

Landsberg, G. S. and Kazanskiy, B. A.

Title

Comments on "The Soviet Atlas of Spectra of Composed

Dispersion of Hydrocarbons" of M. D. Telicheyev

(No. 8, 1953)

Periodical

Neft. khoz., v. 32, #3, 31-36, Mr 1954

Abstract

The authors of these comments replied to Telicheyev's criticism of the work conducted from 1941 to 1950 in the laboratories of various scientific institutions on the spectra of composed dispersion of hydrocarbons. The precision of determination of purity of hydrocarbons with the evaporation and freezing points is analysed.

11 Russian references (1941-53).

Institutions:

Optical Laboratory of Physical Inst. im. P. N. Lebedev; The Laboratory of Catalytical synthesis of Inst. of Organic Chemistry im. N. D. Zelinskiy, Ac. of Sci., USSR; and the Laboratory of Organic Chemistry of Moscow

University.

Submitted

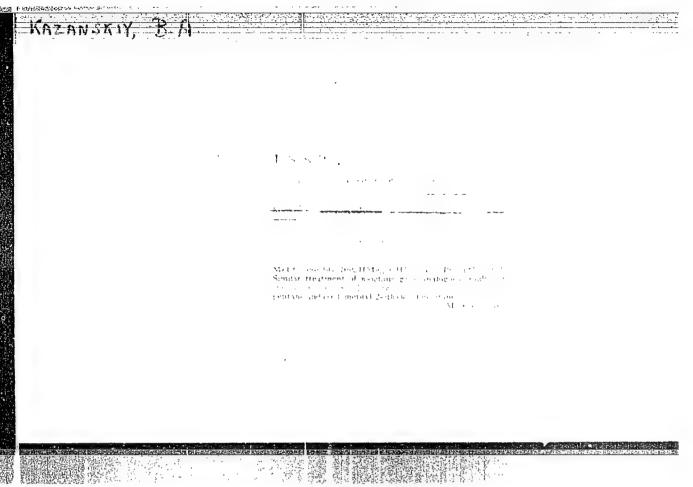
No date

KAZANSKIY, B.A.

Synthesis of 1,2-dimethylcyclobutane. B. A. Karanskil and M. Yu, Lukina (N. D. Zelinskil Inst. Org. Chem. Acad., Sci. U.S.S.R., Moscow). Doklady Akad. Nauk S.S.S.R. 94, 857-9(1954). Hydrolysis of di-Et 1-methylcyclocurboxylic arid, bass 199-203°, nº 1-methylcyclobutane-2-curboxylic arid, bass 199-203°, nº 1-4302, dis 1.0112. The acid chloride with PhNHs gave the anilide, m. 128.5-9.0° (from dil. EtOH). Passage of the mixt, of the acid and HCOsH over MnO at 316° gave 59.8% I-methylcyclobutane-2-carboxyaldehyde, bm. 122-0°, n° 1.4298, dia

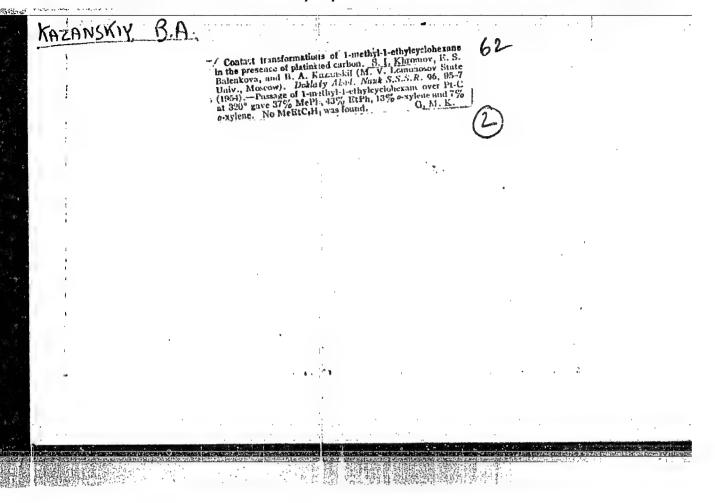
0.8934; semicarbazone, m. 124.3-4.5°. Reduction of the hydrazone of the aldehyde according to Kishner's method gave 10.8% 1,2-dimethyleyclobulane. The trans isomer, bus 56.1-6.9°, n° 1.3803, dus 0.7029, f.p. - 122.5°, aniline point 52.0°, was sepd, by distn. The higher boiling fractions contained varying proportions of the cis isomer; these comprised truly a small fraction of the total yield. The cis form is used, to boil at 67-8°.

G. M. Kosolapeff



USSR Catalytic cyclication of isoSciane with formation of a five-membered ring. B. A. Karanckii, A. L. Liberman, V. T. Aleksanyan, and Kh. E. Sterin (Inst. Org. Chem., Acad. Sci. U.S.S.R. Moscow). Doklady Akad. Nack S.S.R. R. passed over 20% Pt-C at 310° yielded a catalysate which tean freed from the aromatic content with silica gel. The aromatic portion consisted of 35% MePh, 35% p-xylene, and 50% serxitene. Refractaneity showed that the residue contained some 30% cyclic hydrocarbons. Fractionation of the material gave about 5.0 g. 1,1,3-trimethylateycloperature, identified by the Raman spectrum (cm. S. Traces of 1,1-diructlylayclohevane were detected by the presence of Raman line. M9 cm. 3. G. M. Kosolapoff.

APPROVED FOR RELEASE: 06/13/2000 CIA-RDP86-00513R000721320001-5"



KAZANSKIY, B. A.

USSR/Chemistry

Card 1/1

Authors

1 Khromov, S. I., Balenkova, E. S., and Kazanskiy, B. A. Academician

Title

Contact conversions of 1-methyl-1-propylcyclohexane in the presence of platinized carbon

Periodical

Dokl. AN SSSR, 96, Ed. 2, 295 - 297, May 1954

Abstract

Synthesized hydrocarbon 1-methyl-1-propylcyclohexane was contacted at 320° with a 10%-platinized carbon, as a result an aromatic hydrocarbon and immutable basic hydrocarbon mixture was obtained. The aromatic hydrocarbons separated through chromatographic adsorption over silica gel were subjected to thorough fractionation over a column with an effectiveness of 40 theoretical plates. It was established that the trend of the contact conversion processes for 1-methyl-1-propylcyclohexane is the same as in the conversion of 1-methyl-1-ethylcyclohexane. Four USSR references, since 1937. Tables, Graphs.

Institution

The M. V. Lomonosov State University, N. D. Zelinskiy Laboratory of Organic Chemistry, Moscow.

Submitted

February 26, 1954

KAZANSKIY, B. A.

USSR/Chemistry

Card

: 1/1

Authors

: Gavrilova, A. E., Gonikberg, M. G., Plate, A. F., and Kazanskiy, B. A. Academ.

Title

1 Thermal decomposition of methylcyclopentane at high hydrogen pressures

Periodical : Dokl. AN 393R, 96, Ed. 5, 987 - 990, June 1954

Abstract

.... : It ams established experimentally that an increased hydrogen pressure results in noticeable reduction in the rate of decomposition of methylcyclopentane and increases the yield of liquid reaction products and unconverted methylcyclopentane. The fraction of cyclopentane in methylcyclopentane conversion products increases in proportion to the increase in hydrogen pressure. An increase in hydrogen pressure decreases the yield of the radical with boiling point of over 600 (to 7 - 10%) after which it remains practically unchanged. Ten references. Tables, graphs.

Institution :

Acad. of Sc. USSR, The N. D. Zelinskiy Institute of Organic Chemistry

Submitted

April 14, 1954

MAZAMSHE, B. A.

USSR/Chemistry

Catalysis

Card

1/1

Authors

Khromov, S. I., Balenkova, E. S., Akishin, iP. A. and Kazanskiy,

Title

B. A., Academ.

Contact conversions of l-methyl-l-butylcyclohexane in the presence of platinum coated carbon.

Periodical

Dokl. AN SSSR, 97, Ed. 1, 103 - 106, July 1954

Abstract

Formula is given showing the trend of the chemical reaction leading to the conversion of 1-methyl-1-butylcyclohexane over a platinum coated carbon catalyst. The formation of naphthalin during contact conversions of such hydrocarbons is explained by the secondary chemical conversions occurring during the catalysis of butyl benzone. The approximate ratio of aromatic hydrocarbons found in the catalysate obtained from contact conversion of 1-methyl-1-butylcyclohexane, is described. Five references: 4 USSR, 1 USA. Tables, graph.

Institution :

The M. V. Lomonosov State University, The N. D. Zelinskiy Lab. of Org.

Chem., Hoscow.

Submitted

April 27, 1954

CIA-RDP86-00513R000721320001-5 "APPROVED FOR RELEASE: 06/13/2000

KAZANSKIY, B. A.

USSR/Chemistry - Catalysis

Card 1/1

Pub. 22 - 29/46

Authora

Lukina, M. Yu; Ovodova, V. A.; and Kazanskiy, B. A., Academician

Title

Catalytic hydrogenolysis of ethylcyclopropane and methylcyclobutane

Periodical

Dok, AN SSSR 97/4, 683-686, Aug 1, 1954

Abstract

Cyclopentane, methylcyclobutane and ethylcyclopropane were subjected to catalytic hydrogenation for the purpose of comparing the easiness of hydrogenolysis of three-, four- and five-membered hydrocarbon cycles. The break in the C-C bond for the three hydrocarbons was established at temperatures ranging from 50 to 250°. The trend in the rupture of the C-C bonds is distinguished by specific characteristics, which are explained in chemical formulas. Ninoteen references: 10-USSR, 6-USA; 1-German; 1-English

and 1-Dutch (1907-1953). Tables.

Institution :

Submitted

June 10, 1954

MARKOVNIKOV, V.V.; PLATE, A.F., doktor khimicheskikh nauk, redaktor;

BYKOV, G.V., randidat khimicheskikh nauk, redaktor; PETHOVSKIY,

I.B., akademik, redartor; BYKOV, K.M., akademik, redaktor; KAZAN—

SKIY, B.A., akademik, redaktor; SHMIDT, O.Yu., akademik, redaktor;

ANDRETEV, N.N. akademik, redaktor; SHCHEMBAKOV, D.I., akademik,

redaktor; YUDIN, P.F., akademik, redaktor; DELONE, B.N., redaktor

KOSHTOYANTS, Kh, S., redaktor; SAMARIN, A.M., redaktor, LEBEDEY,

D.M., professor, redaktor; FIGUROVSKIY, N.A., professor, redaktor;

KUZNETSOV, I.V., kandidat filologicheskikh nauk, redaktor; STERLI—

GOV, O.D., redaktor; ZEMLYAKOVA, T.A., tekhnicheskiy redaktor

[Selected works] Izbrannye trudy. Redaktsiia, stat'i i primechaniis A.F. Plate i G.V. Bykova, Moskva, Izd-vo Akademii nauk SSSR 1955. 926 p. (MLRA 8:10)

1. Chlen-korrespondent AN SSSR (for Delone, Koshtoyants, Samarin) (Chemistry) (Harkovnikov, Vladimir Vasil'evich 1837-1904)

APPROVED FOR RELEASE: 06/13/2000 CIA-RDP86-00513R000721320001-5"

学院"清朝教员

KAZAN KIT BA

ZELINSKIY, Nikolay Dmitriyevich, 1861-1953 [deceased] KAZANSKIY, B.A., akademik; BALANDIN, A.A., akademik; KOCHESHKOV, K.A.; SHUYKIN, N.I.; KAVERZNEVA, Ye.D., doktor khimicheskikh nauk; LEVINA, R.Ya., doktor khimicheskikh nauk; PIATE, A.F., doktor khimicheskikh nauk; RUBINSHTEYN, A.H., doktor khimicheskikh nauk; YUR*YEV, Yu.K., doktor khimicheskikh nauk; KISELEVA, A.A., tekhnicheskiy redaktor.

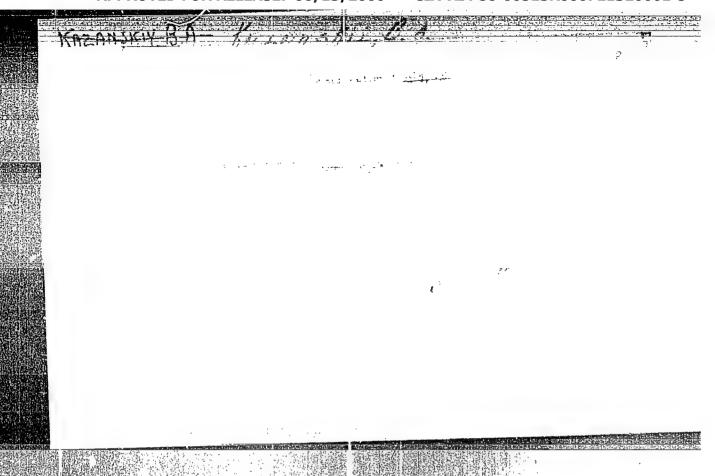
[Collected works] Sobranie trudov, Moskva, Izd-vo Akademii nauk SSSR. Vol. 2. 1955. 743 p. (MLRA 8:11)

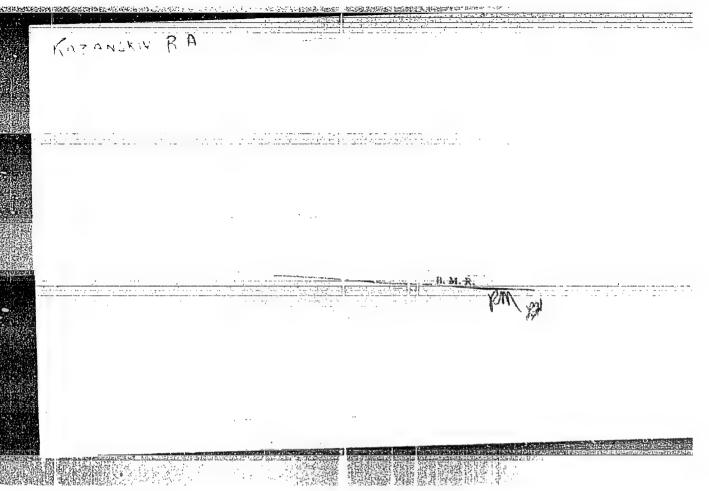
1. Chlen-korrespondent AN SSSR(for Kocheshkov and Shuykin)
(Hydrocarbons) (Petroleum)

ZELINSKIY, N.D.; KAZANSKIY, B.A., akademik; BALANDIN, A.A., akademik; KOCHESHEOV, K.A.; SHUYKIM, N.I.: KAYERZHEVA, Ye.D., doktor khimicheskikh nauk; LEVINA, R.Ya., doktor; khimicheskikh nauk; PLATE, A.F.; doktor khimicheskikh nauk; MUBINSHTEYN, A.M. doktor khimicheskikh nauk; YUR'YEV, Yu.K., doktor khimicheskikh nauk.

[Collected works] Sobranie trudov. Moskva, Izd-vo Akad.nauk SSSR. (NLRA 8:8)

1. Chlen-korrespondenty AN SSSR (for Kocheshkov, Shuykin)





KAZANSI	A Marian	Thermal decomposition and dedicocarbons under high pressaranskii, M. G. Jonikbers, and V. E. Nikitenkov (N. D. Zend, See, Mescow). Ralalife, Akal. Akal. Kasakh. S. 21-34.—The previously reported paraffins, methylcyclopentaue (C. 4. 49, 815). 8825h. Petrovage are discussed.	Eeskoe Gidrirovanie i Okis- S.R., Trudy Konf 1955,	10
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CIA-RDP86-00513R000721320001-5

Catalytic hydrogenation of doubly unsaturated compounds with conjugated system of double bonds. III. Hydrogenation of Application of Applications are downward of Applications of Applications are downward of Applications of Applications of Applications are downward of Applications of Ap

KAZANSKIY, B. A.

APPROVED FOR RELEASE: 06/13/2000 CIA-RDP86-00513R000721320001-5"

Isomerization of ethylcyclopropase on silica gel under conditions of chromatographic analysis. B. A. Kazanskii, V. T. Aleksanyan, M. Yu. Lukina,

A. I. Malyshev, and Kh. E. Sterin (N. D. Zelinskii Inst. Org. Chem., Acad. Sci.,

Moscow). Izvest. Akad. Nauk S.S.S.R., Otdel. Khim. Nauk 1955, 1118-19.—Passage
of carefully purified ethylcyclopropane through a column with silica gel at 1.7°

Cooling jacket) gave a product which instantly decolorized Br water and had a

Raman spectrum indicative of the presence of 68% starting material, 12% cis-2-pentene,
17% trans-2-pentene and 3% 1-pentene.

G. M. Kosolapoff

(Copped downed)

Pm sext

KAZANSKIY, B.A.

USSR/Chemical Technology - Chemical Products and Their

I-12

Application. Treatment of solid mineral fuels

: Referat Zhur - Khimiya, No 4, 1957, 12869 Abs Jour

Kazanskiy B.A., Gonikberg M.G., Lozovoy A.V., Gavrilova Author

A.Ye., Blonskaya A.I.

: Institute of Mineral Fuels of the Academy of Sciences Inst

Investigation of Hydrogenation of Coal at Hydrogen Title

Pressure Above 1000 Atm.

Tr. In-ta goryuchikh iskopayemykh AN SSSR, 1955, 6, 3-15 Orig Pub

Investigation, under laboratory conditions, of the hy-Abstract

drogenation of coal at 4200 and pressure of 300-1700 atmospheres, with and without an Fe catalyst. It is shown that under the given conditions, the Fe catalyst has no effect on the hydrogenation process. Increase in pressure from 300-400 to 1200-1500 atmospheres dou-

bles the total yield of gasoline and middle oil fraction,

Card 1/2

- 2:23 -

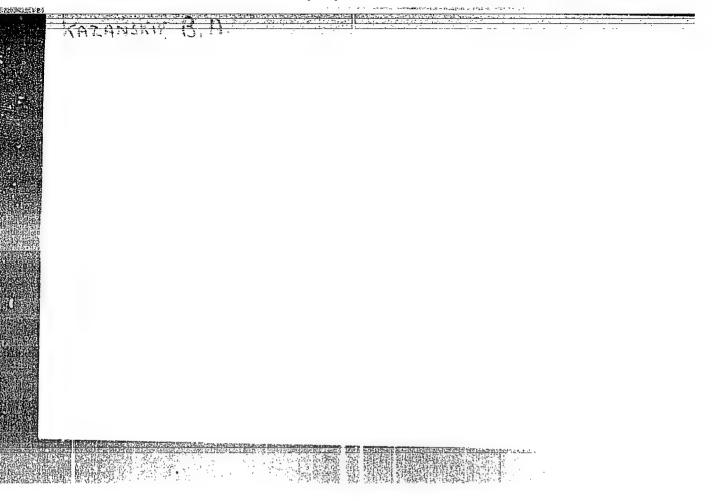
KAZAHSKIY, B.A.; LEVINA, R.Ya.; YUR'YEV, Yu.K.

The chemistry of hydrocarbons and heterocyclic compounds in the works of N.D.Zelinakii and his school. Vest. Mosk. un. 10 no.45:145-167 Ap-My '55. (MIRA 8'8) (Hydrocarbons) (Zelinskii, Nikolai Dmitrievich, 1861-1953)

ALEKSANYAN, V.T.; STERIN, Kh.Ye.; LIBERMAN, A.L.; MIKHAYLOVA, Ye.A.
PRYANISHHIKOVA M.A.; KAZANSKIY, B.A.

Report no.8. Raman spectra of a few aromatic hydrocarbons. Izv.AN SSSR.Ser.fiz.19 no.2:225-233 Mr-Ap '55. (MLRA 9:1)

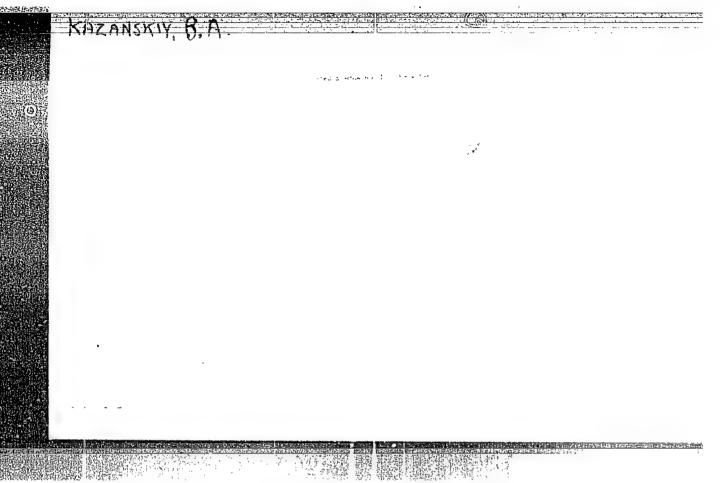
l.Komissiya po spektroskopii i Institut organicheskoy khimii imeni N.D.Zelinskogo Akademii nauk SSSR. (Tartu--Spectrum analysis--Congresses)



7

Dienes formed in deby fration of 3.4-dirnethyl-3.4-hexane-Gig. T. V. Gostunskaya, E. A. Krassy dekaya, and B. A. S. (448-53 [1953]. MeErCO (0.7 male) and 0.07 mole HigCh in 160 mil. C.H., were added gradually to 1 g.-at. Mg and after the reaction had common d the mixt. was treated with 1.4 moles MeErCO in 80 ml C.H.; after spoataneous boiling for 1 hr. the mixt. was dild. with 120 ml. C.H.; and reflexed 2 hrs. Treatment with hot HeO, sepa. of Mig(OH) and extr. with C.H.; gave after distn. of the org. hyer 30-27, 3.4-dimethyl-3.4-hexacide, by 08-100°, m. 40-7°; pure product, by 119°. This (0.30 mole) and 3 drops 20% HeO, were heated gradually to 180° with distn. of HiO and hydrocarbons; redistn. yielded a range of products, by 1113-152.7°. If the diol with 4 parts Acy0 and a little Hi,PO, was heated slowly to 160-70° there resulted an 83% yield of hydrocarbons, b. 103-3-133.8°. Fractionation of all the collected hydrocarbons yielded 3 distinct substances (cf. Macallum and Whith), C.A. 22, 2080): 3.4-dimethyl-2.4-hexadiens (I), bus 114.4-14.8°, at 1.4410, da 0.7540; 2.3-dichyl-1,3-butadiens (II), bus 120.3°, at 1.4410, da 0.7560; and 3-methyl-2-chyl-3-putadiens (III), bus 130.3°, at 1.4700, da 0.7018. I forms a maleic anhydride adduct, m. 50°, which distd. with P₂O, gave 1,2,3-4-tetramethylbenzene. II yields a moneic anhydride adduct, m. 50°, which distd. with P₂O, gave 1,2,4-tetramethylbenzene. Hi yields a moneic anhydride adduct, m. 50°, which distd. with P₂O, gave 1,2,4-tetramethylbenzene. Hi yields a moneic anhydride adduct, m. 50°, which distd. with P₂O, gave 1,2-4-10.10 distance of the product of the p





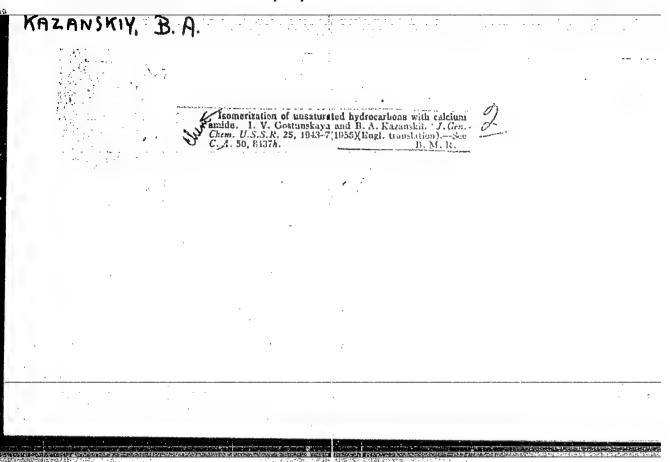
KAZANSKIY, B.A.; GOSTUNSKAYA, I.V.

Addition of hydrogen to an isolated double bend effected by calcium hexaammeniate. Zhur.eb.khim. 25 ne.9:1704-1711 S *55. (MIRA 9:2)

1. Moskovskiy gosudarstvennyy universitet. (Hydrocarbens) (Ammines) (Hydrogenation)

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GOSTUNSKAYA, I.V.; KAZANSKIY, B.A.

Isomerization of unsaturated hydrocarbons effected by calcium amide. Zhur. ob. khim. 25 no.10:1995-2001 S *55. (MIRA 9:2)

1. Moskovskiy gosudarstvennyy universitet. (Compounds, Unsaturated) (Isomers and isomerization)

KAZANSKIY, B.A.; ALEKSANYAN, V.T.; LUKINA, M.Yu; MALYSHEV, A.I.; STERIN, Kh.Yo.

Isomerization of ethylcyclopropane on silica gel under the conditions of adsorption chromatographic analysis. Izv.AN SSSR.Otd.khim.nauk 86 no.6:1118-1119 Hy 155. (MIRA 9:4)

1.Institut organicheskey khimii imeni.N.D.Zelinskogo Akademii nauk SSSR.

(Cyclepropane) (Chromategraphic analysis)

KAZANSKIY, B.A. USSE Chemistry - Organic chemistry

Card 1/1

Pub. 22 - 26/52

Authors

Kazanskiy, B. A. Academician; Lukina, M. Yu; Nakhapetyan, L. A.

The state of the s

Title

Behydration of dimethylcyclobutylcarbinol

Periodical :

Dok. AN SSSR 101/4, 683-686, Apr 1, 1955

Abstract

Experimental data are presented on the derivation of two olefine hydrocarbons, with four-membered ring, through the dehydration of dimethylcyclobutylcarbinol in heated state and the addition of concentrated H₂SO_h. The entire dehydration-synthesis process and the hydrocarbon yields obtained are described. The results obtained were compared with those of other previous attempts to synthesize four-membered olefines and the findings are listed. Ten references: 5 Russian and Soviet; 4 USA and 1 Belgian (1905-1953). Diagram.

Institution

Acad. of Sc., USSR, The N. D. Zelinskiy Inst. of Organ, Chem.

Submitted

December 8, 1954

KAZANSKIY K.A.

user/Chemistry - Organic chemistry

Card 1/1

Rub. 22 - 24/51

Authors

Kazanskiy, B. A., Academician, and Idberman, A. L.

Title

About stereoisomeric 1-mathyl-4-ethylcyclohexanes

Periodical : Dok. AN SSSR 101/5, 877-380, Apr 11, 1955

Abstract

The experimental synthesis of 1-methyl-k-ethylcyclohexane and the splitting of same into stereoisomers through accurate rectification are described. Measures were taken during each phase of the synthesis to obtain possibly pure intermediate substances even at the expense of reducing the total yield of the hexane. It was found that an increase in molecular weight of the stereoisomers was always followed by an approximation of their boiling points, indices of refraction and specific weights. The physico-chemical properties of stereoisomeric 1-methyl-4ethylcyclohexanes are described. Eighteen references: 7 USSR, 6 USA, 2 English, 2 German and 1 French (1922-1954). Tables; graph. Acad. of Sc., USSR, The N. D. Zelinskiy Inst. of Organ. Chem. December 27, 1954

Institution :

Submitted

